

Sheet 1 of 31 Form PTO/SB/08A				ATTY DOCKET NO. 00952-8081		APPLICATION NO. 10/696,362	
LIST OF REFERENCES CITED BY APPLICANT(S)				APPLICANT(S) Edward W. MERRILL et al.			
				FILING DATE October 30, 2003		GROUP 1765	
Date Submitted: June 14, 2011							
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE (M/D/Y)	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	F01	2,989,451	6/20/61	Prochaska	204	154	
	F02	2,904,480	9/15/59	Rainer et al.	204	154	
	F03	2,948,666	8/9/60	Lawton	204	154	
	F04	3,022,543	2/27/62	Baird Jr. et al.	18	57	
	F05	3,057,791	10/9/62	Anderson Jr.	204	154	
	F06	3,090,770	5/21/63	Gregorian	260	45.5	
	F07	3,162,623	12/22/64	Cairus et al.	260	87.7	
	F08	3,200,056	8/10/65	Bond	204	154	
	F09	3,231,481	1/25/66	Amemiya et al.	204	154	
	F10	3,297,641	1/10/67	Werber et al.	260	66	
	F11	3,330,748	7/11/67	Lawton	204	158	
	F12	3,352,818	11/14/67	Meyer et al.	260	45.7	
	F13	3,362,897	1/9/68	Lawton	204	159.2	
	F14	3,563,869	2/16/71	Rainer et al.	204	159.2	
	F15	3,616,365	10/26/71	Stastny et al.	204	159.14	
	F16	3,698,017	10/17/72	Scales et al.	3	1	
	F17	3,783,115	1/1/74	Zeppenfeld	204	159.2	
	F18	3,758,273	9/11/73	Johnston et al.	21	54 R	
	F19	3,832,827	9/3/74	Lemelson	53	111 R	
	F20	3,886,056	5/27/75	Kitamaru et al.	204	159.2	
	F21	3,944,536	3/16/76	Lupton et al.	260	94.9 R	
	F22	4,226,905	10/7/80	Harbourne	428	220	
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	F23	4,241,463	12/30/80	Khovaylo	3	1.913	
	F24	4,385,405	5/31/83	Teinturier	3	1.912	
	F25	4,524,467	6/25/85	DeCarlo, Jr.	603	22	
	F26	4,535,486	8/20/85	Roberts et al.	623	22	
	F27	4,586,995	5/6/86	Randall et al.	522	5	
	F28	4,587,163	5/6/86	Zachariades	428	292	
	F29	4,655,769	4/7/87	Zachariades	623	1	
	F30	4,701,288	10/20/87	Cook et al.	264	1.4	
	F31	4,747,990	5/31/88	Gaussens et al.	264	322	
	F32	4,813,210	3/21/90	Masuda et al.	53	425	
	F33	4,820,466	4/11/89	Zachariades	264	119	
	F34	4,832,965	5/3/89	Helin	426	66	
	F35	4,888,141	12/19/89	Bastiaansen et al.	264	22	
	F36	4,892,552	1/9/90	Ainsworth et al.	623	23	
	F37	4,902,460	2/20/90	Yagi et al.	264	83	
	F38	4,916,198	4/10/90	Scheve et al.	526	351	
	F39	4,944,974	7/31/90	Zachariades	428	298	
	F40	4,950,151	8/21/90	Zachariades	264	146	
	F41	4,954,299	9/4/90	Greig et al.	264	22	
	F42	5,001,008	3/19/91	Tokita et al.	428	400	
	F43	5,001,206	3/19/91	Bashir et al.	526	352	
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	F44	5,014,494	5/14/91	George	53	425	
	F45	5,017,627	5/21/91	Bonfield et al.	523	115	
	F46	5,024,670	6/18/91	Smith et al.	623	18	
	F47	5,030,402	7/9/91	Zachariades	264	138	
	F48	5,037,928	8/5/91	Li et al.	526	352	
	F49	5,047,446	9/10/91	DeNicola, Jr.	522	157	
	F50	5,059,196	10/22/91	Coates	606	99	
	F51	5,066,755	11/19/91	Lemstra	526	348.1	
	F52	5,082,869	1/21/92	Braga et al.	521	134	
	F53	5,096,654	3/17/92	Craggs et al.	264	570	
	F54	5,123,924	6/23/92	Sioshansi et al.	623	16	
	F55	5,123,925	6/23/92	Smestad et al.	623	16	
	F56	5,153,039	10/6/92	Porter et al.	428	36.92	
	F57	5,164,464	11/17/92	Hefner, Jr. et al.	525	531	
	F58	5,160,472	11/3/92	Zachariades	264	136	
	F59	5,160,677	11/3/92	Gravener et al.	264	101	
	F60	5,200,439	4/6/93	Asanuma	522	157	
	F61	5,292,584	3/8/94	Howard et al.	428	327	
	F62	5,352,732	10/4/94	Howard	524	789	
	F63	5,358,792	10/25/94	Mehta et al.	428	516	
	F64	5,407,623	4/18/95	Zachariades et al.	264	119	
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	F65	5,414,049	5/9/95	Sun et al.	525	333.7	
	F66	5,428,079	6/27/95	Bastiaansen et al.	522	161	
	F67	5,449,745	9/12/95	Sun et al.	528	483	
	F68	5,466,530	11/14/95	England et al.	428	411.1	
	F69	5,478,906	12/26/95	Howard Jr.	526	352	
	F70	5,480,683	1/2/96	Chabrol et al.	427	525	
	F71	5,507,446	4/16/96	Ditzig	242	372	
	F72	5,508,319	4/16/96	DeNicola, Jr. et al.	522	161	
	F73	5,515,590	5/14/96	Pienkowski	29	404	
	F74	5,543,571	8/6/96	Burk	564	150	
	F75	5,549,698	8/27/96	Averill et al.	623	22	
	F76	5,549,700	8/27/96	Graham et al.	623	22	
	F77	5,552,104	9/3/96	DeNicola, Jr. et al.	264	456	
	F78	5,650,485	7/22/97	Sun et al.	528	483	
	F79	5,577,368	11/26/96	Hamilton et al.	53	432	
	F80	5,593,719	1/14/97	Dearnaley et al.	427	2.26	
	F81	5,609,643	3/11/97	Colleran et al.	623	20	
	F82	5,650,485	7/22/97	Sun et al.	528	483	
	F83	5,652,281	7/29/97	Galli et al.	522	114	
	F84	5,684,124	11/4/97	Howard, Jr. et al.	528	481	
	F85	5,728,748	3/17/98	Sun et al.	522	65	
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	F86	5,753,182	5/19/98	Higgins	422	23	
	F87	5,824,411	10/20/98	Shalaby et al.	428	364	
	F88	5,834,113	11/10/98	Shalaby et al.	428	364	
	F89	5,869,575	2/9/99	Kolthammer et al.	525	240	
	F90	5,874,123	2/23/99	Park	427	2.24	
	F91	5,879,400	3/9/99	Merrill et al.	623	22	
	F92	5,972,444	10/26/99	Patel et al.	428	35.2	
	F93	6,005,053	12/21/99	Parikh et al.	525	221	
	F94	6,017,975	1/25/00	Saum et al.	522	161	
	F95	6,096,084	8/1/00	Townley	623	23.12	
	F96	6,143,232	11/7/00	Rohr	623	18	
	F97	6,165,220	12/26/00	McKellop et al.	623	18	
	F98	6,168,626	1/2/01	Hyon et al.	623	18.11	
	F99	6,174,932	1/16/01	Pachl et al.	522	100	
	F100	6,174,934	1/16/01	Sun et al.	523	113	
	F101	6,184,265	2/6/01	Hamilton et al.	522	189	
	F102	6,228,900	5/8/01	Shen et al.	522	153	
	F103	6,242,507	6/5/01	Saum et al.	522	161	
	F104	6,245,276	6/12/01	McNulty et al.	264	322	
	F105	6,281,264	8/28/01	Salovey et al.	523	115	
	F106	6,316,158	11/13/01	Saum et al.	430	130	
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	F107	6,372,814	4/16/02	Sun et al.	522	161	
	F108	6,414,086	7/2/02	Wang et al.	525	191	
	F109	6,432,349	8/13/02	Pletcher et al.	264	479	
	F110	6,436,137	8/20/02	Wang et al.	623	11.11	
	F111	6,464,926	10/15/02	Merrill et al.	264	485	
	F112	6,494,917	12/17/02	McKellop et al.	623	23.58	
	F113	6,503,439	1/7/03	Burstein	264	469	
	F114	6,506,866	1/14/03	Jacobsen et al.	526	348	
	F115	6,547,828	4/15/03	Scott et al.	623	66	
	F116	6,638,311	10/28/03	Wang et al.	623	22.32	
	F117	6,641,617	11/4/03	Merrill et al.	623	23.58	
	F118	6,818,171	11/16/04	Wang et al.	264	478	
	F119	6,849,224	2/1/05	Wang et al.	264	478	
	F112	6,905,511	6/14/05	Wang et al.	623	11.11	
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE (M/D/Y)	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	F113	896852	9/7/89	South Africa			
	F114	0 177 552	5/27/92	Europe			
	F115	0 218 003	11/7/90	Europe			
	F116	0 218 993	2/2/94	Europe			
	F117	0 373 800	5/25/94	Europe			
	F118	0 376 503	7/4/90	Europe			
	F119	0 722 973	12/17/03	Europe			
	F120	0 729 981	3/20/02	Europe			
	F121	0 737 481	9/8/04	Europe			
	F122	2 060 469	5/7/81	United Kingdom			
	F123	2 180 815	4/8/87	United Kingdom			
	F124	2 156 733	10/16/85	United Kingdom			
	F125	2 157 298	10/23/85	United Kingdom			
	F126	2 225 551	6/6/90	United Kingdom			
	F127	2 207 436	2/1/89	United Kingdom			
	F128	04185651	7/2/92	Japan			X
	F129	041982242	7/17/92	Japan			X
	F130	58157830	9/20/83	Japan			X
	F131	59071830	4/23/84	Japan			
	F132	WO90/11060	10/4/90	WIPO			
	F133	WO97/29793	8/21/97	WIPO			
	F134	WO98/01085	1/15/98	WIPO			
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	F138	Akay et al.	Radiat. Phys. Chem. 36(3): 337-343 (1990)
	F139	Allen et al.	Polymer Degradation & Stability 19: 77-95 (1987)
	F140	Allen et al.	Applied Organometallic Chemistry 1: 311-317 (1987)
	F141	Allen et al.	Polymer Degradation and Stability 39: 293-297 (1993)
	F142	Allen et al.	J. of Chromatography 629: 283-290 (1993)
	F143	Allen et al.	Chemistry & Industry, pp. 16-17 (1990)
	F144	Allen et al.	The Effects of Ionising Radiation of Additives Present in Food-contact Polymers, Food Irradiation & the Chemist, pp. 124-139 (1990)
	F145	Allen et al.	Chemistry & Industry, pp. 198-199 (1987)
	F146	Allen et al.	Chemistry & Industry, pp. 854-855 (1987)
	F147	Allen et al.	Radiat. Phys. Chem. 38(5): 461-465 (1991)
	F148	Allen et al.	Food Additives & Contaminants 5(1): 433-435 (1988)
	F149	Allen et al.	Chemistry & Industry, pp. 399-400 (1988)
	F150	Allen et al.	Chemistry & Industry, pp. 38-39 (1989)
	F151	Alexander et al.	J. Poly. Sci. XXII(101): 343-348 (1956)
	F152	Amstutz	Orthopedic Clinics of North America 4(2): 235-248 (1973)
	F153	Amstutz	Implant Wear: The Future of Total Joint Replacement, pp. 1-27, Symposium, Oakbrook, IL (Sept. 1995)
	F154	Amstutz	J. Biomed. Mater. Res. 3: 547-568 (1968)
	F155	Amstutz et al.	J. Biomed. Mater. Res. 10: 25-31 (1976)
	F156	Artandi	Radiat. Phys. Chem. 9: 183-191 (1977)
	F157	Atkinson et al.	Transactions of the ASME 100: 208-218 (1978)
	F158	Azuma et al.	Agric. Biol. Chem. 48(8): 2003-2008 (1984)
	F159	Azuma et al.	Agric. Biol. Chem. 47(4): 855-860 (1983)
	F160	Baker et al.	Study of fatigue resistance of chemical and radiation crosslinked medical grade ultrahigh molecular weight polyethylene, pp. 573-581, John Wiley & Sons, Inc. (1999)
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	F161	Baker et al.	Polymer 41: 795-808 (2000)
	F162	Bakker	The Wiley Encyclopedia of Packaging Technology, pp. 530, 562 & 564 (1986)
	F163	Bankston, et al.	Clinical Orthopaedics and Related Research 317: 7-13 (1995)
	F164	Bargmann et al.	Clinical Orthopaedics and Related Research 369: 49-58 (1999)
	F165	Barrett	Int. J. Appl. Radiat. Isot. 33: 1177-1187 (1982)
	F166	Bartel	J. Bone & Joint Surgery 68-A(7): 1041-1051 (1986)
	F167	Bartel	The Effect of Metal Backing on Stresses in Polyethylene Acetabular Components, pp. 229-239 (1983)
	F168	Barton et al.	Comparative Wear Under Three Different Tribological Conditions of Acetabular Crosslinked Ultra High Molecular Weight Polyethylene, 44th Annual Meeting, Orthopaedic Research Society, March 16-19, 1998, New Orleans, Louisiana
	F169	Basheer	Journal of Polymer Science: Polymer Physics Edition 21: 949-956 (1983)
	F170	Baskett	Nature 174: 364-365 (1954)
	F171	Bayley et al.	J. of Bone & Joint Surgery 70-A(5): 668-674 (1988)
	F172	Bechenbaugh et al.	J. of Bone & Joint Surgery 60-A(3): 306-313 (1978)
	F173	Beenen et al.	Radiat. Phys. Chem. 35(1-3): 364-368 (1990)
	F174	Bell et al.	J. of Bone & Joint Surgery 67-A(8): 1165-1175 (1985)
	F175	Bellare et al.	Biomaterials 17(24): 2325-2333 (1996)
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	F177	Bennett et al.	Global Reference UHMWPE: Characterization & Comparison to Commercial UHMWPE, 42 nd Annual Meeting, Orthopedic Research Society, Atlanta, Georgia, p. 472 (1996)
	F178	Berry et al.	The Use of Ultrahigh Molecular Weight Polyethylene in Articular Prosthesis - I Polymer characterization of Six "Off the Shelf" Acetabular Components, ORPL (1984)
	F179	Bhambri et al.	A Comparison of Morphology of Hip Simulator and Pin-On-Flat Wear Particles of Highly Crosslinked Polyethylene, 1999 Society of Biomaterials, 25th Annual Meeting Transactions, pg. 505 , 1999.
	F180	Bhateja	Polymer 23: 654-655 (1982)
	F181	Bhateja	Journal of Applied Polymer Science 28: 861-872 (1983)
	F182	Bhateja	Journal of Polymer Science: Polymer Physics Edition, Vol. 21, 523-536 (1983)
	F183	Bhateja	Polymer 22: 23-28 (1981)
	F184	Bhateja et al.	Polymer Engineering and Science, November 23 (16): 888-894 (1983)
	F185	Biedermann et al.	Journal of Chromatography A(764): 65-71 (1997)
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	F187	Birkinshaw et al.	Materials Chemistry & Physics 14: 549-558 (1986)	
	F188	Birkinshaw et al.	Polymer Communications 28: 286-288 (1987)	
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